

Fig. 1.

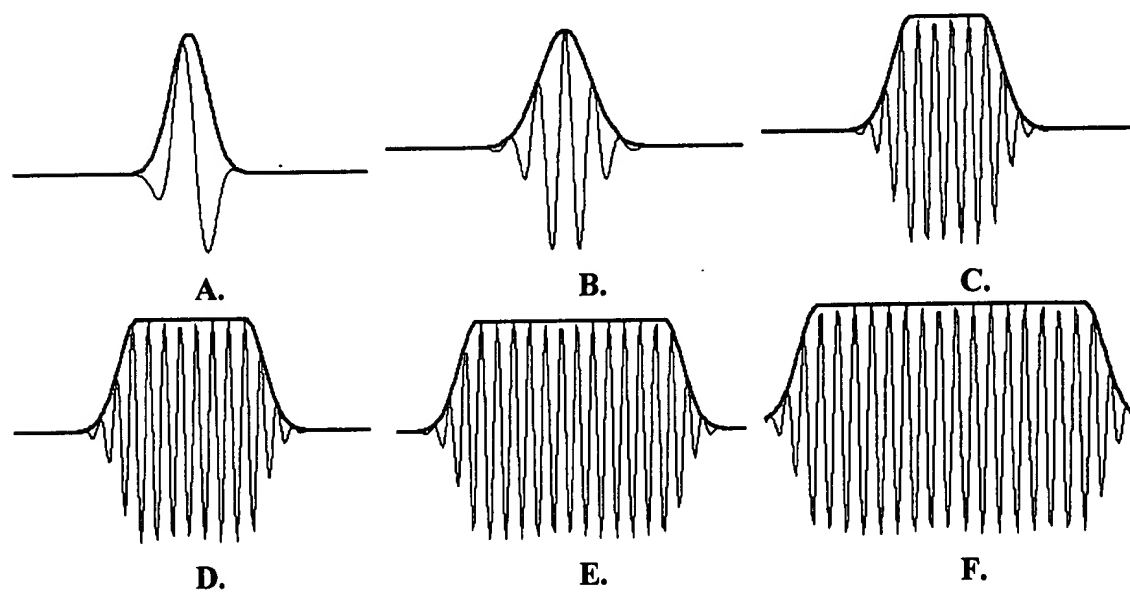


Fig. 2.

006260" 2022960

Bandwidth Efficiency

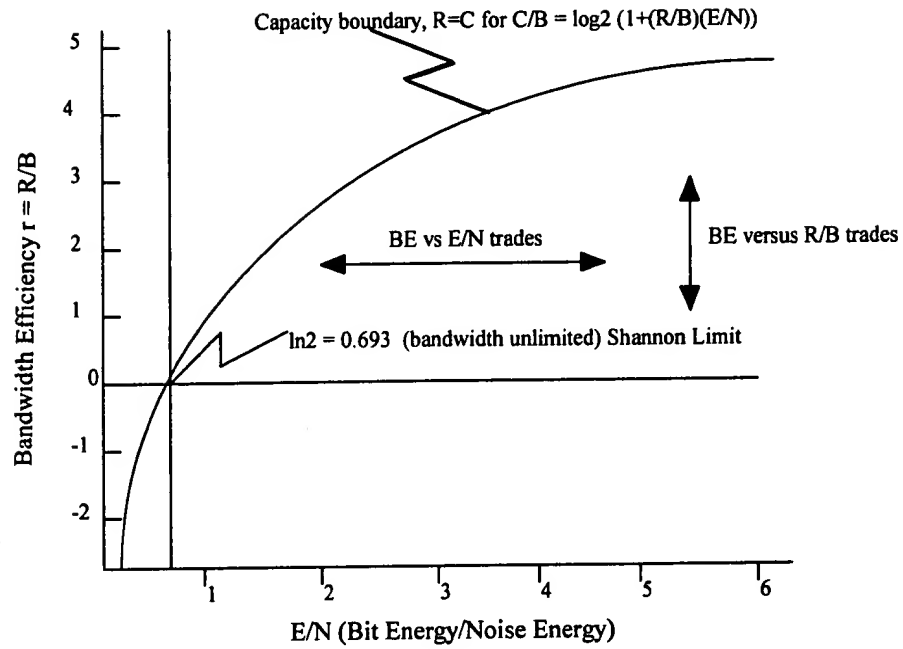


Fig. 3.

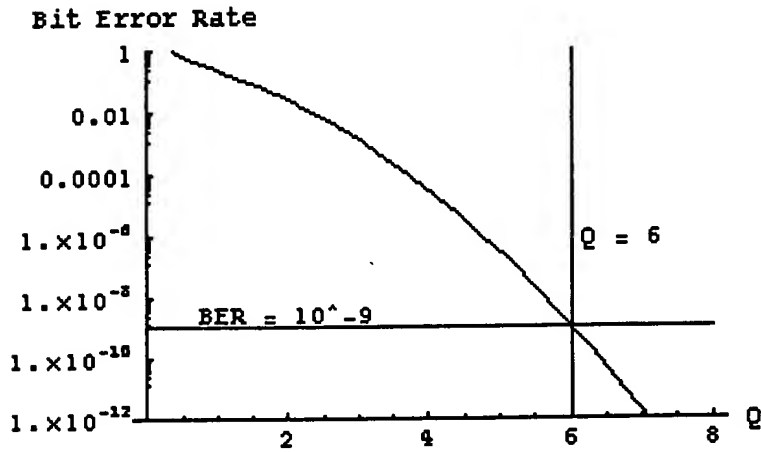
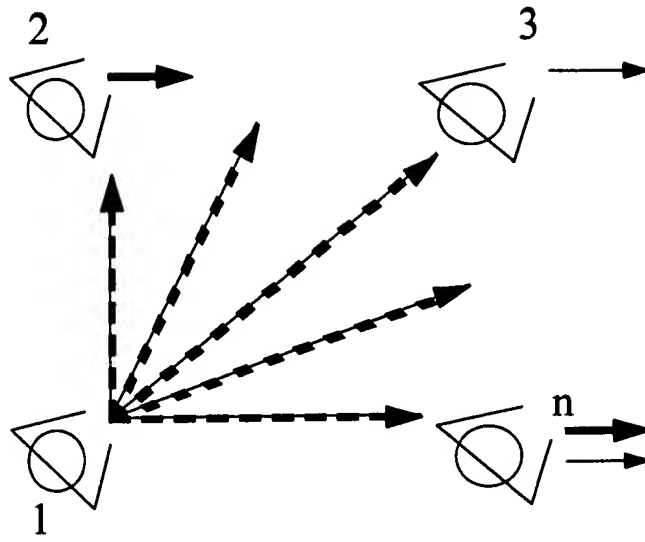
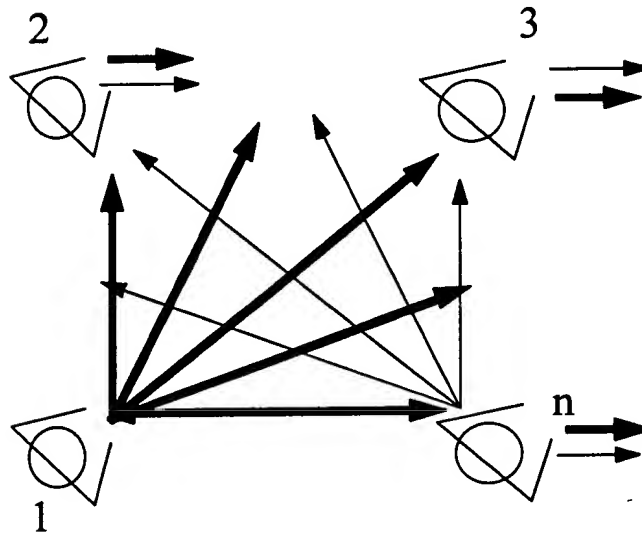


Fig. 4.



A. TDMA

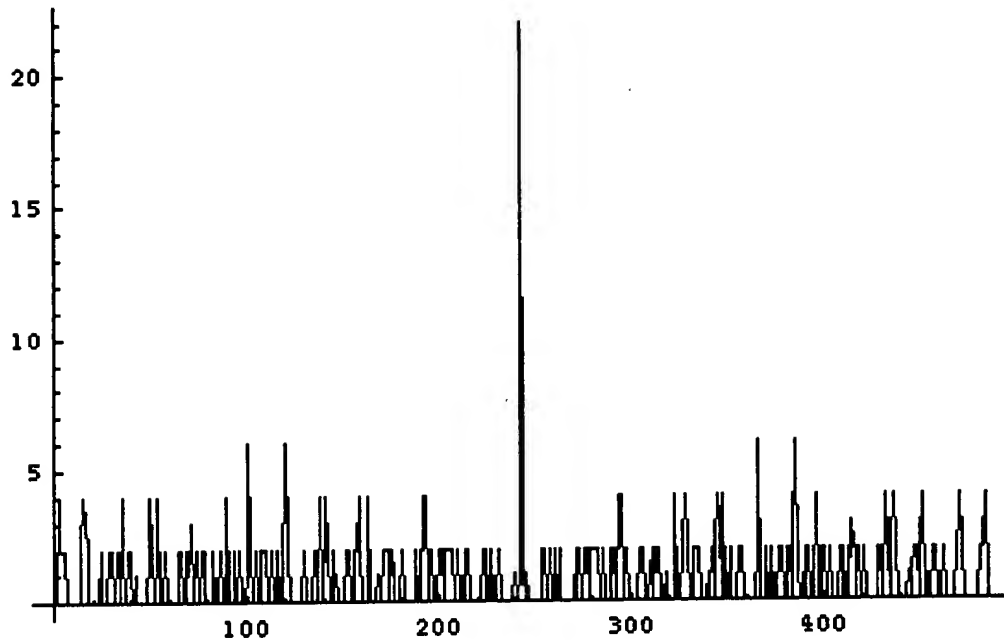


B. CDMA

Fig. 5.

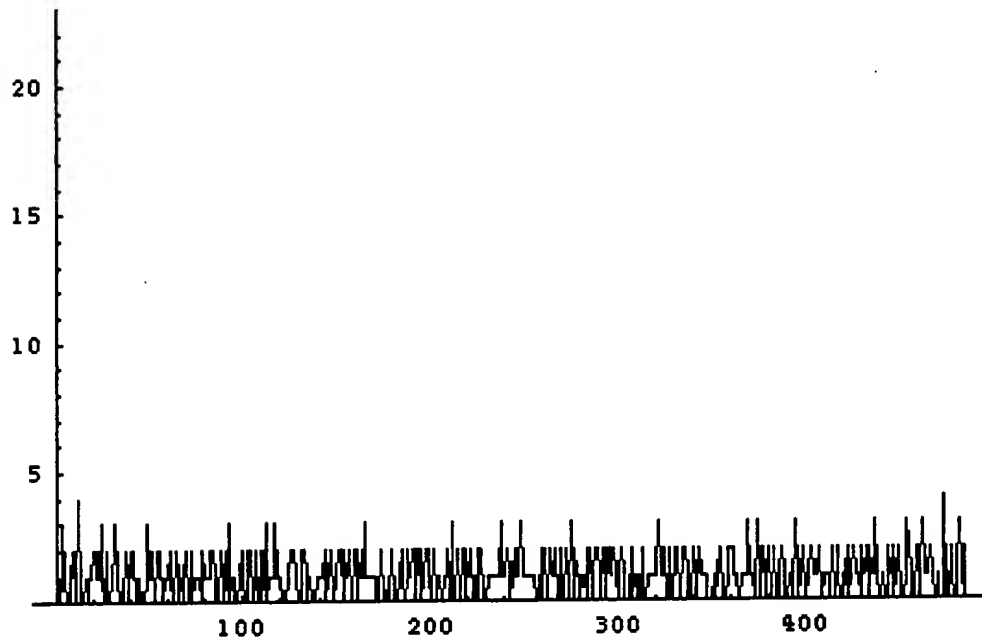
006260-2072960

Hyperbolic Congr.Code: $p = 23$, $n = 1$, Autocorr.



6A.

Hyperbolic Congr.Code: $p = 23$, $n = 1 \ \& \ 2$, Crosscorr.



6B.

Fig. 6.

MAXIMUM AGGREGATE DATA RATES, Asynchronous CDMA, @1 GHz, P=1021,
BER= 10^{-9} , SNR=21.6 dB

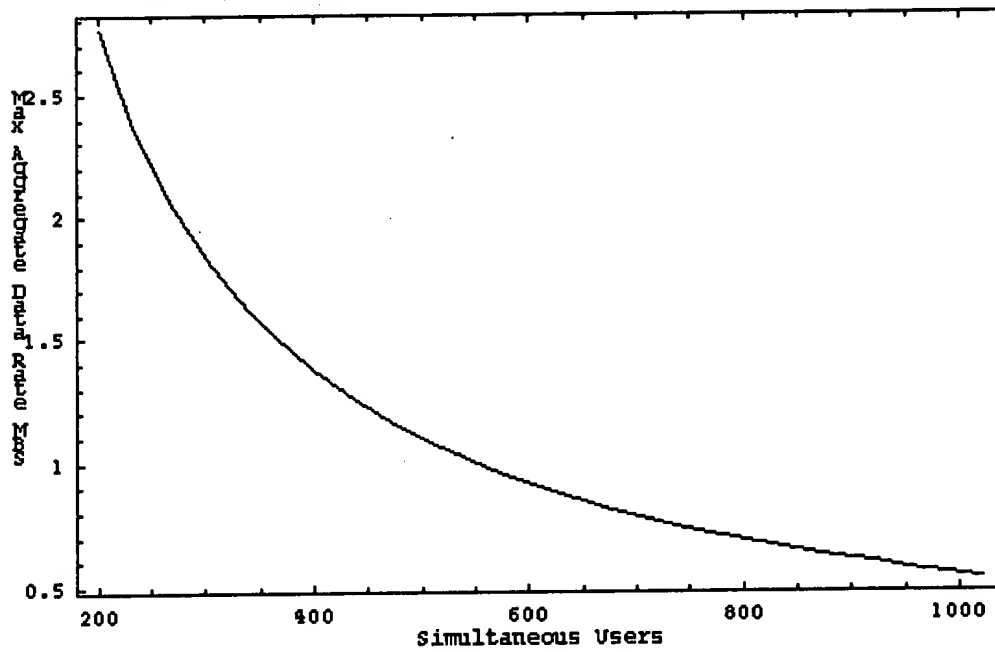


Fig. 7.

MAXIMUM AGGREGATE DATA RATES, Asynchronous CDMA, @1 GHz, P=257,401,601,
1021,1399, BER= 10^{-9} , SNR=21.6 dB

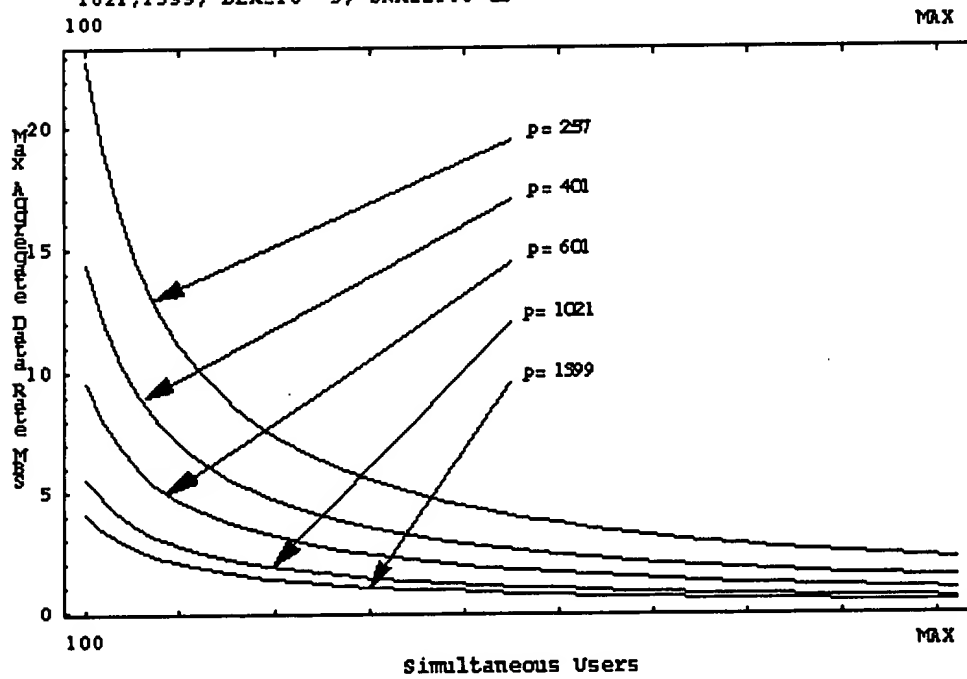
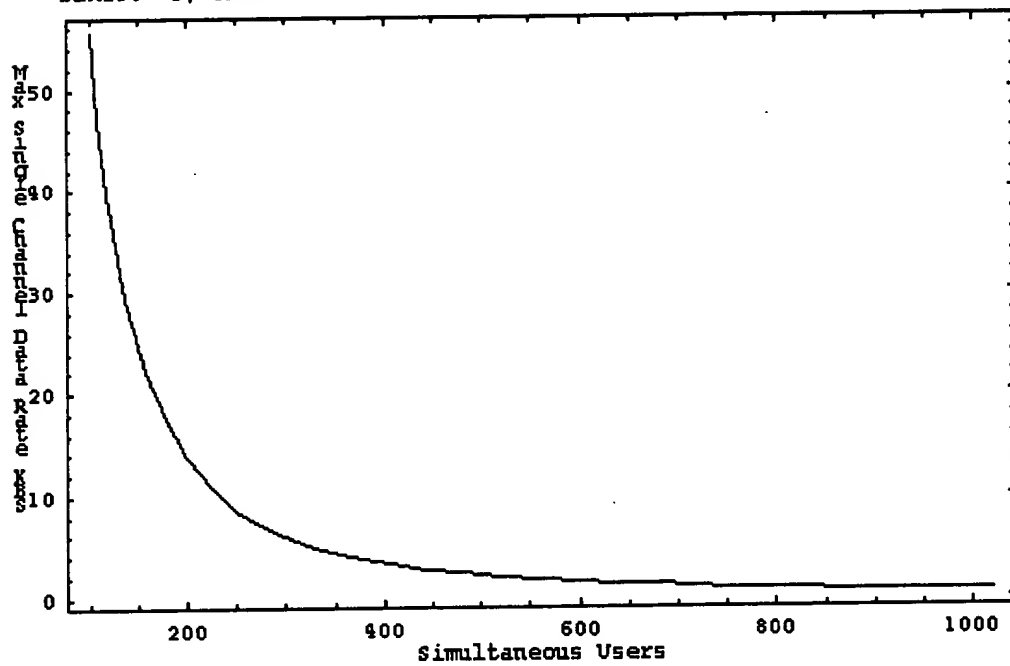
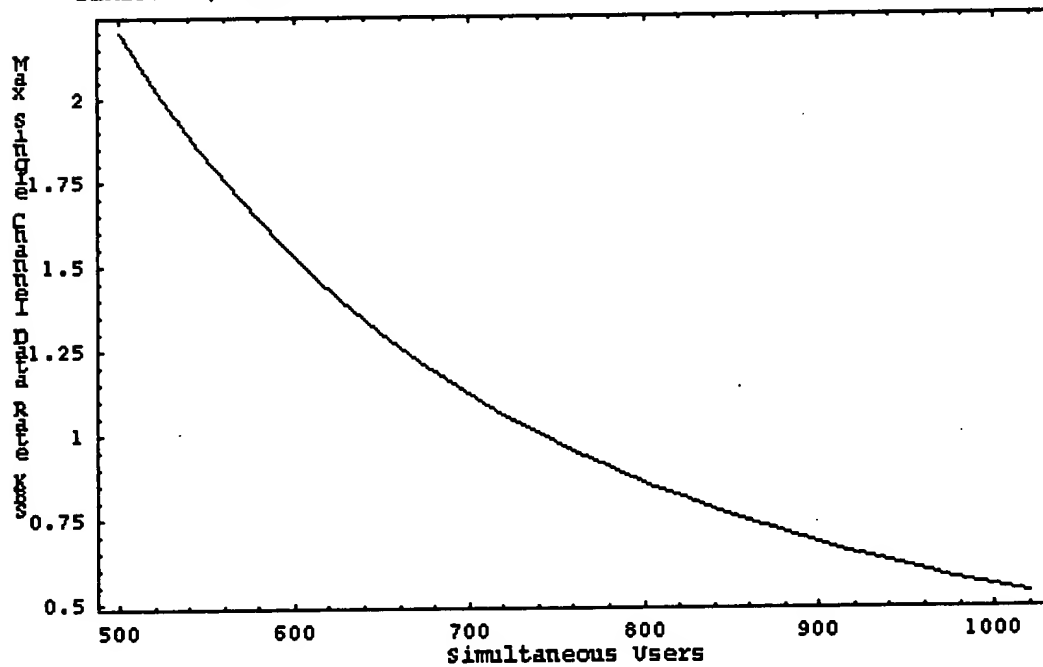


Fig. 8.

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MAXIMUM SINGLE CHANNEL DATA RATES, Asynchronous CDMA, @1 GHz, P=257,
401,601,1021,1399, BER=10⁻⁹, SNR=21.6 dB

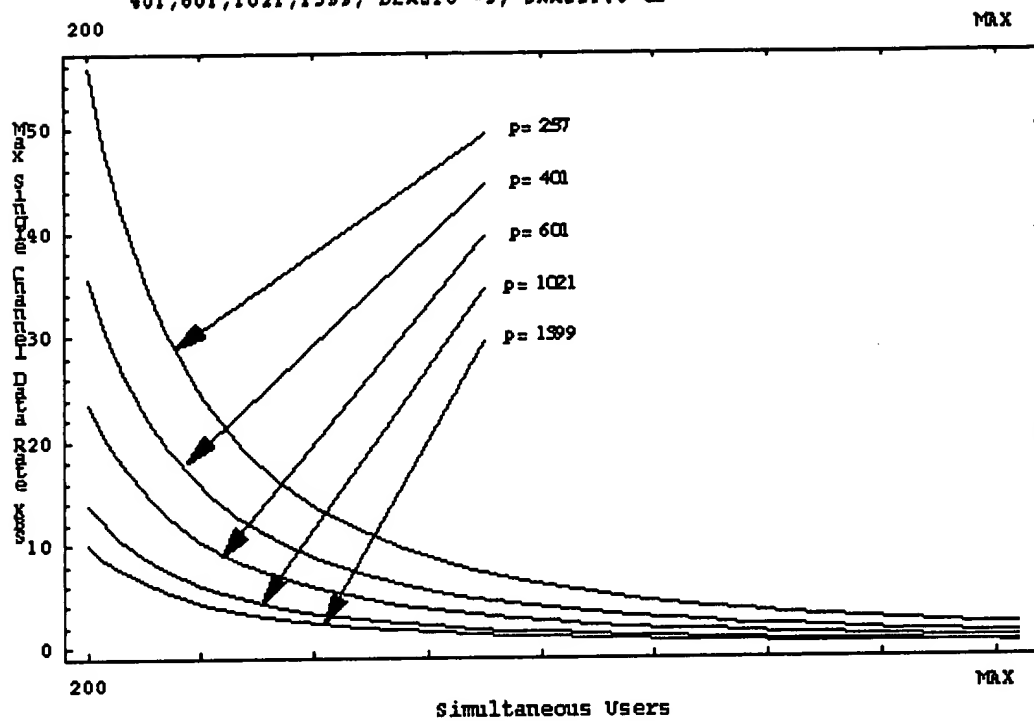


Fig. 11.

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